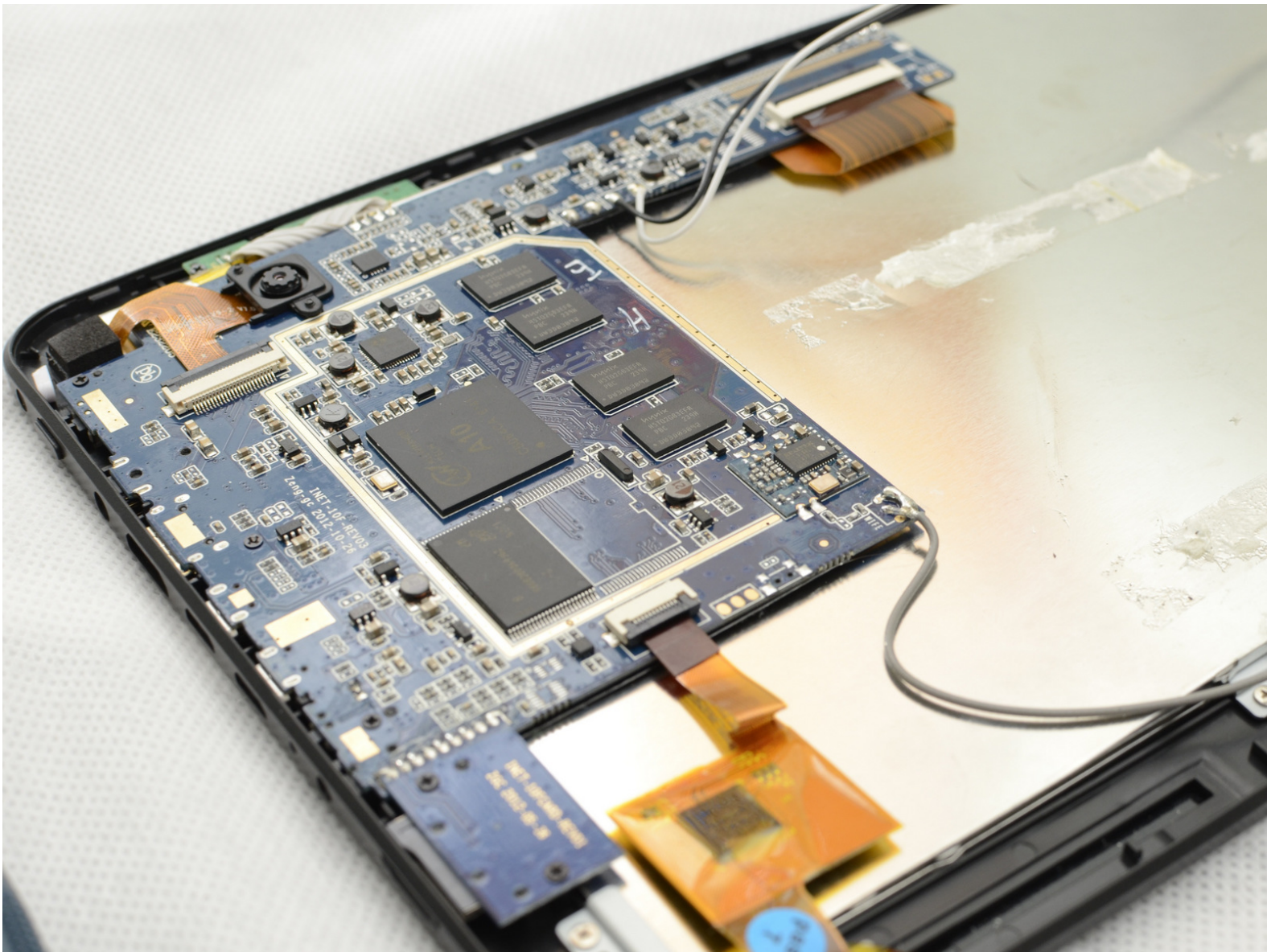




Envizen V100M Motherboard Replacement

This guide will show the steps to take the motherboard assembly out of your Envizen V100M so that it can be replaced.

Written By: nbach



INTRODUCTION

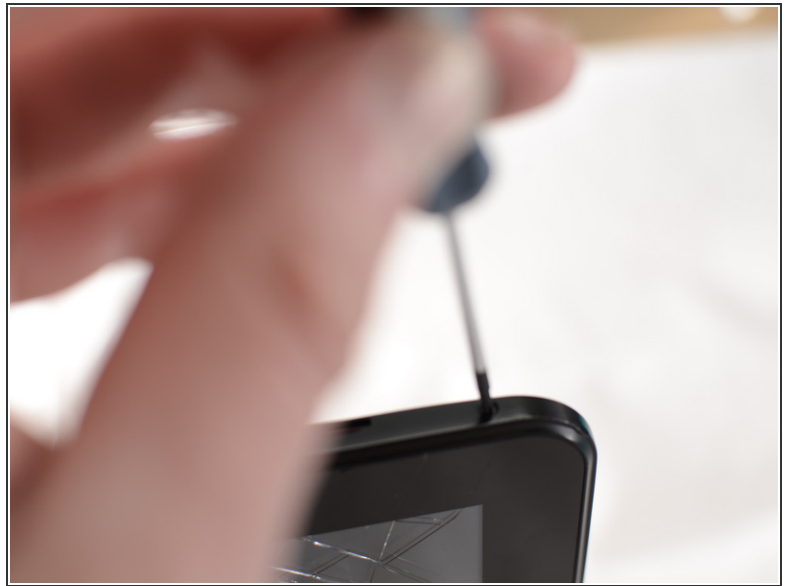
This guide will help you through taking out and replacing the motherboard, to do so you must complete some prerequisite guides to complete this guide.



TOOLS:

- [26 Bit Driver Kit](#) (1)
 - [iFixit Opening Tools](#) (1)
 - [Soldering Station](#) (1)
 - [Spudger](#) (1)
 - [Anti-Static Wrist Strap](#) (1)
-

Step 1 — Back Cover



- Remove the two screws on the side of the tablet that hold the back cover in place using the ifixit PH00 screwdriver.
- The screws for the back cover are: 1.5mm diameter x 3.5mm long

⚠ When doing any work on electronic devices, always use an anti-static wrist strap!

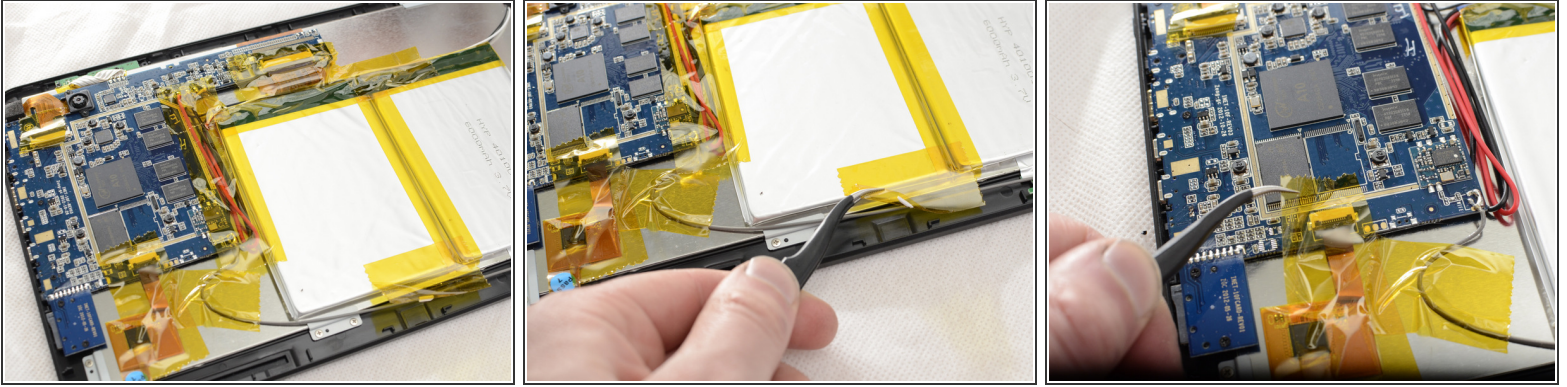
Step 2



- With the ifixit prying tool separate the back cover from the rest of the device.

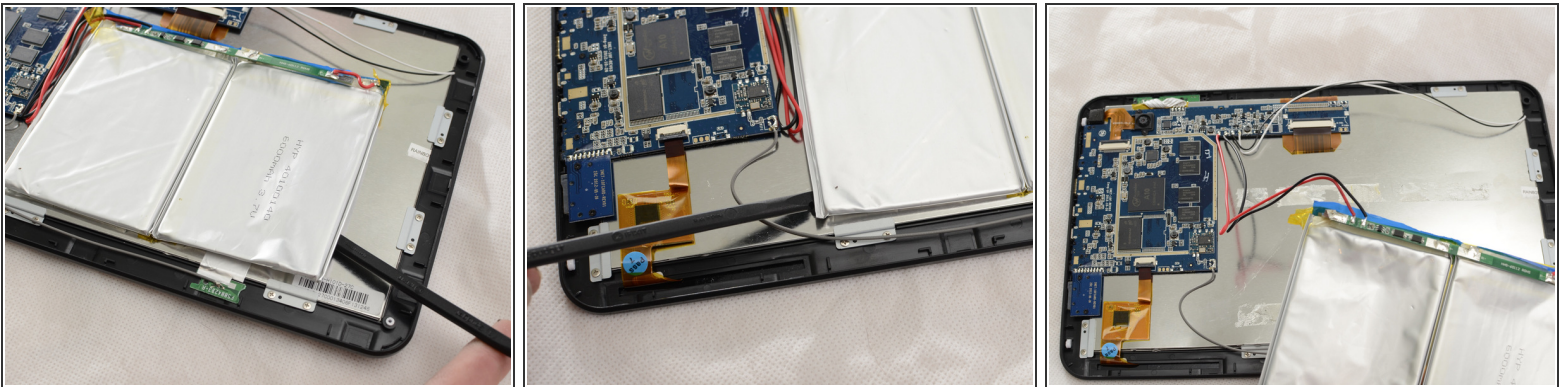
⚠ The speakers are attached to the back cover and motherboard assembly so remove carefully.

Step 3 — Battery



- Remove the non-conductive tape that is on the battery and motherboard assembly.

Step 4

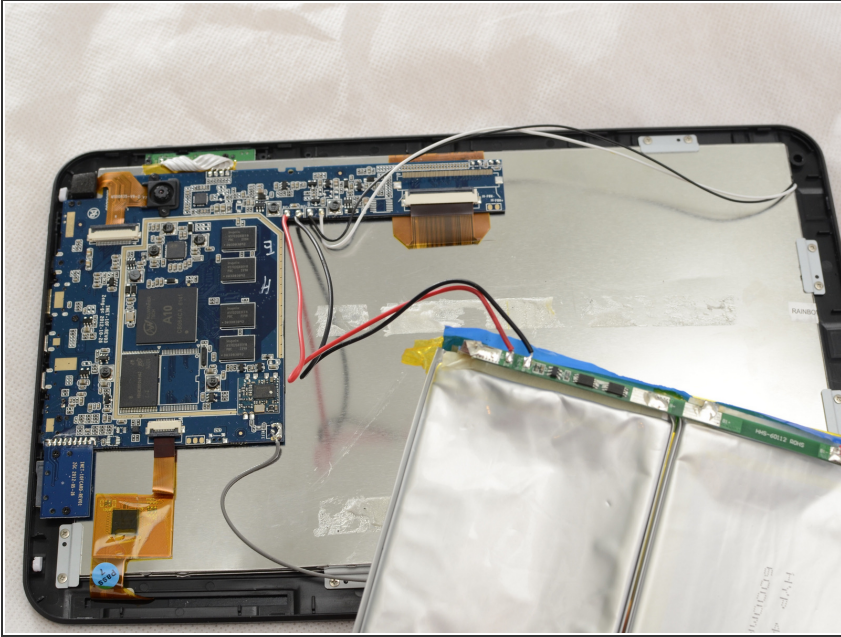


- Slide the ifixit spudger under the battery.
- Pry the battery up, and work your way down the side of the battery, releasing it from the adhesive holding it down.

 Be careful not to deform or puncture the battery when prying it out, as it could cause a fire.

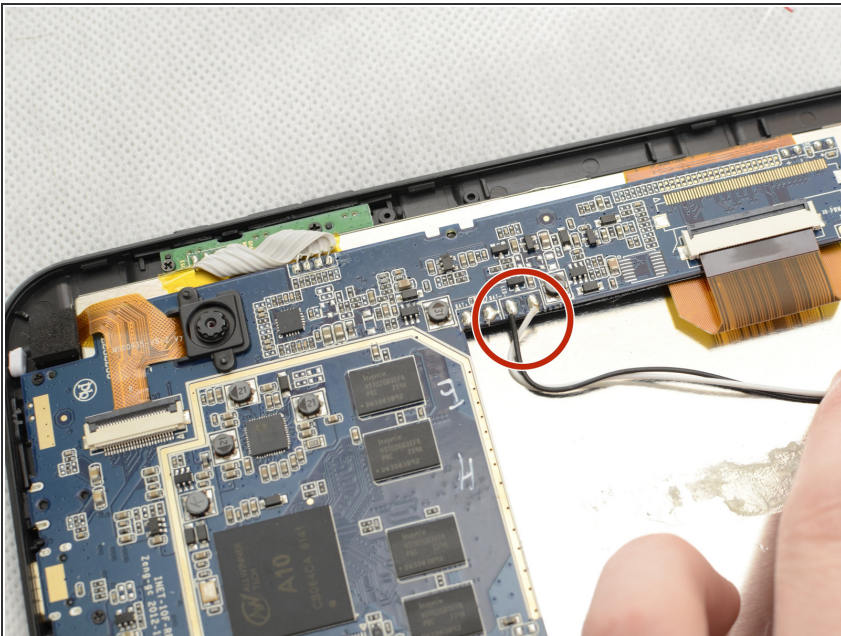
- Carefully pull the battery out of the Envizen V100M.

Step 5



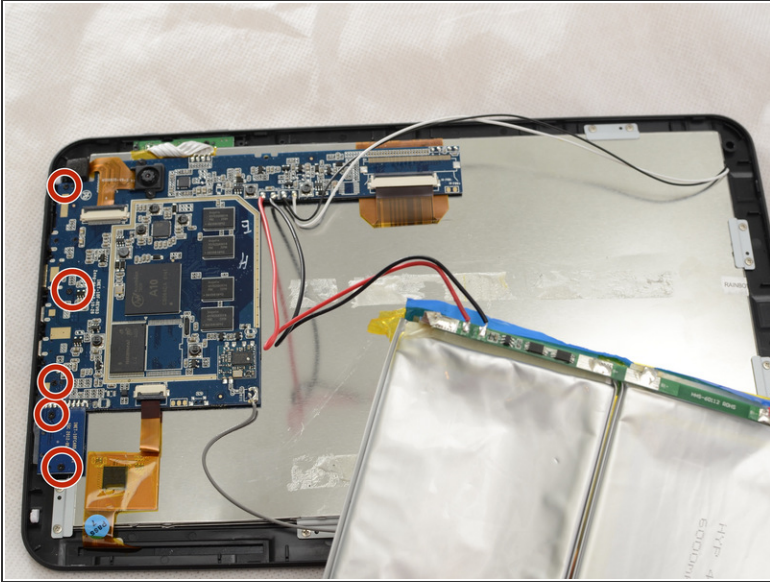
- Remove the solder from the wires connecting the battery to the motherboard [here is a guide on how to solder.](#)
- Remove the soldered wires with the tweezers. If this does not work you are going to have to heat up the solder in order to remove the wires

Step 6



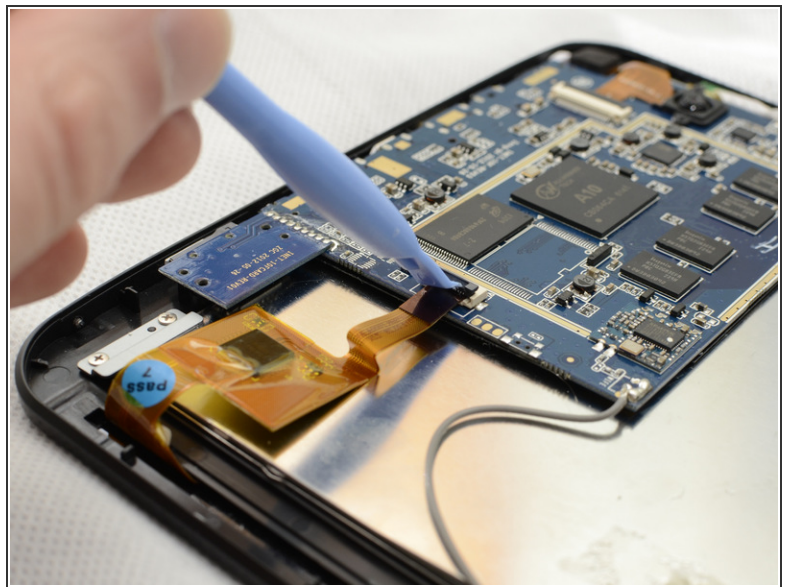
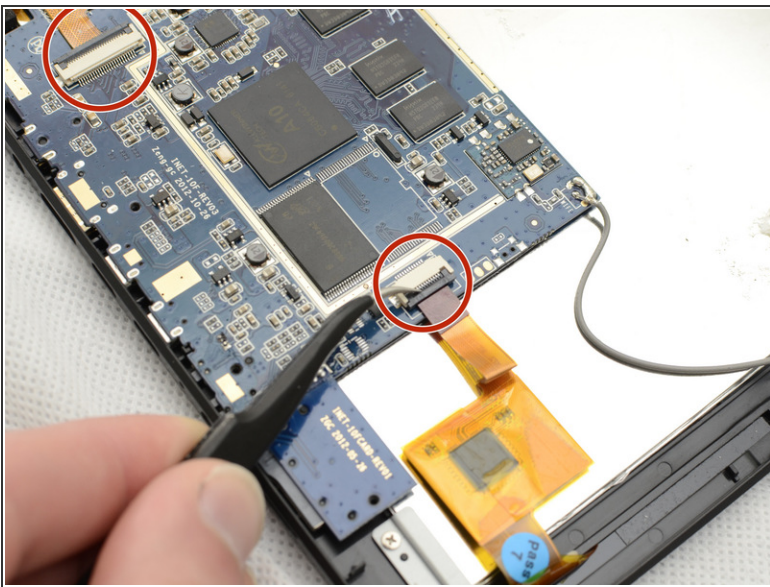
- Remove the power to the LCD screen. This is a matter of removing the grey wire and white wires that are soldered to the motherboard.
- ⚠ Note the orientation of the grey wire and white wire. The location of each wire is VERY important.

Step 7 — Motherboard



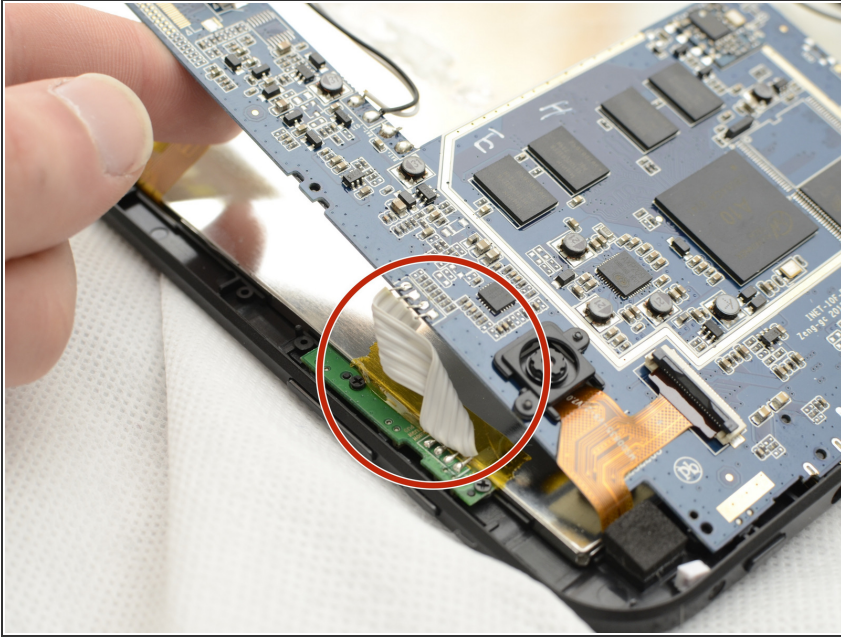
- Remove the five screws holding the motherboard assembly down using the ifixit PH00 screwdriver
- These screws are also 1.5mm in diameter and 3.5mm long

Step 8



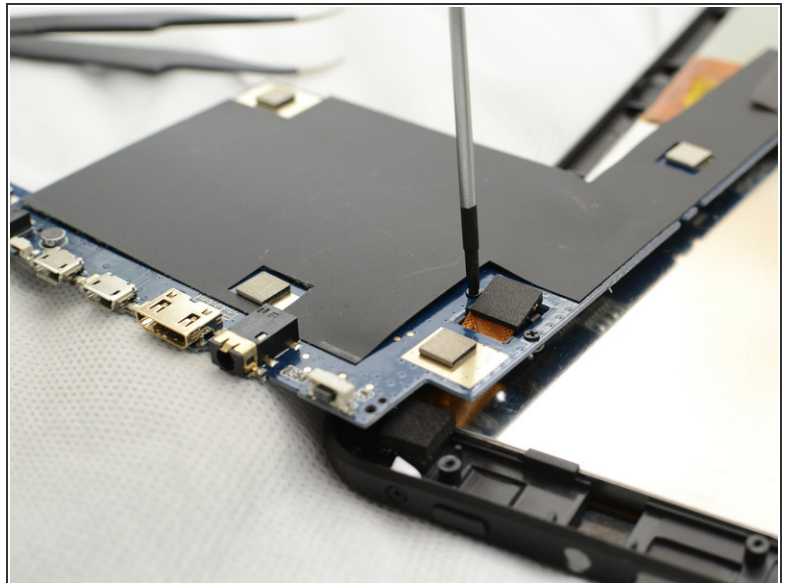
- Remove the three ribbon cables from their couplings.
- Using the prying tool gently push the bracket up, allowing for the cable to right out.

Step 9



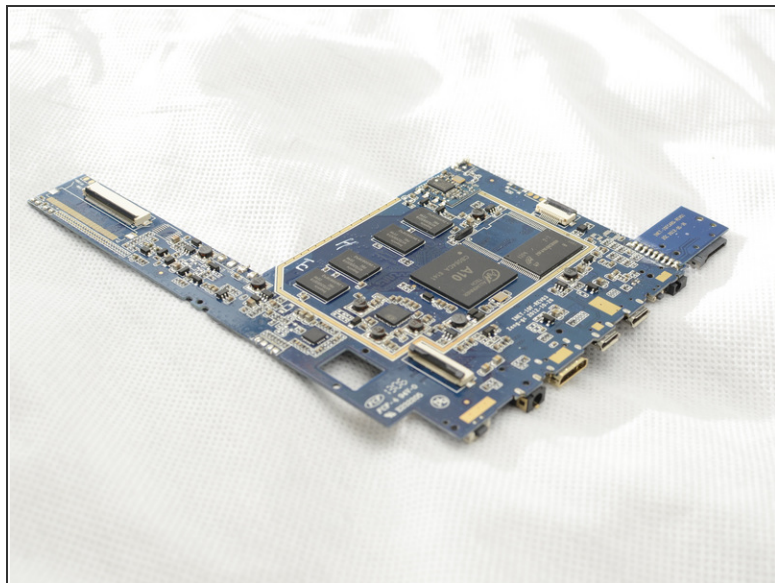
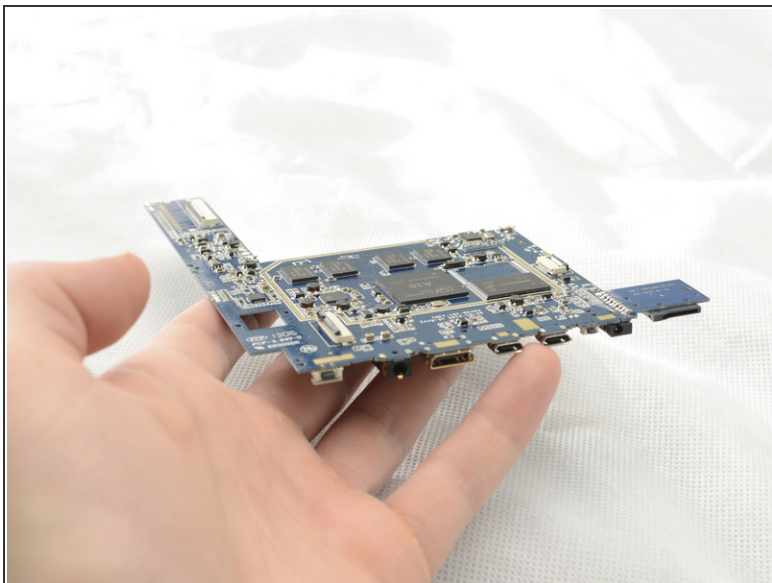
- Remove the solder holding the white ribbon cable in place, [here is a guide on how to solder.](#)
 - Then flip the motherboard over to access the screws for the rear facing camera.
- ⚠ Be very careful that you do not tear the wires for the camera. gently flip the motherboard making sure to not stress out the wires.

Step 10



- Unscrew the camera from the back of the motherboard using the ifixt PH00 screwdriver.
- Gently push on the black plastic bracket holding the camera in place. The bracket should pop right out.
- The screws for mounting bracket are also 1.5mm diameter and 3.5mm long.

Step 11



- Now the motherboard is completely removed from the tablet.

 Place the motherboard in a static-free location

To reassemble your device, follow these instructions in reverse order.

This document was last generated on 2017-06-27 06:58:02 PM.